SenseLife Cam
Indoor Air quality Monitor

User manual

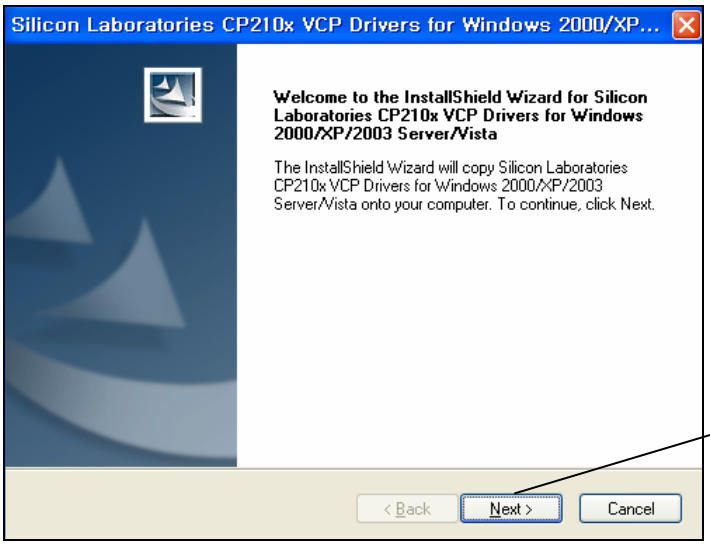
SECTIONS:
Part 1. USB driver installation
Part 2. Program installation
Part 3. Set time and date

DO NOT PLUG THE CAM INTO YOUR PC BEFORE INSTALLING THE USB DRIVERS OR IT WILL NOT WORK PROPERLY. IF YOU HAVE ALREADY PLUGGED THE CAM IN, YOU MUST UNPLUG IT, REMOVE ANY "UNKNOWN DEVICE" DRIVERS, REBOOT, AND FOLLOW THESE INSTRUCTIONS.

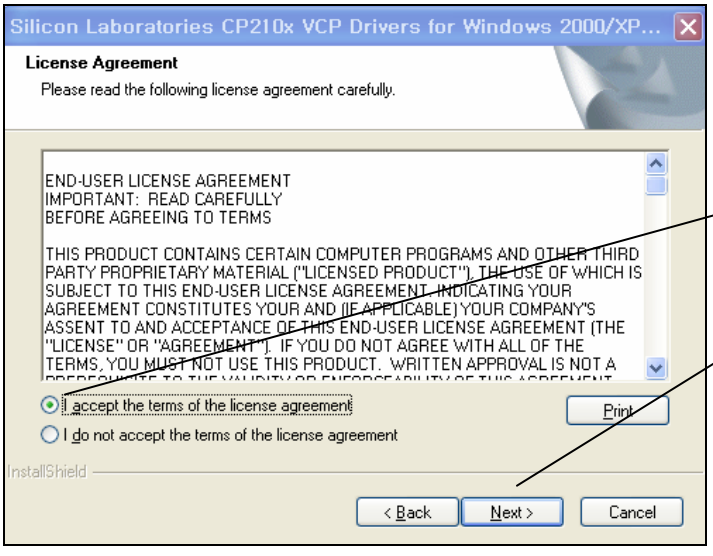
[This manual is subject to change without prior notice to increase user's convenience or to add advanced functions]

Part 1.USB driver installation

1. Go to www.co2meter.com/products/cam-co2-meter-powered-by-auto-home-or-usb
2. Save the file “USB Drivers (ZIP)” to your desktop.
3. Unzip the file and run the program **CP210_Win2K_XP_S2K3.exe.** Follow the on-screen instructions:

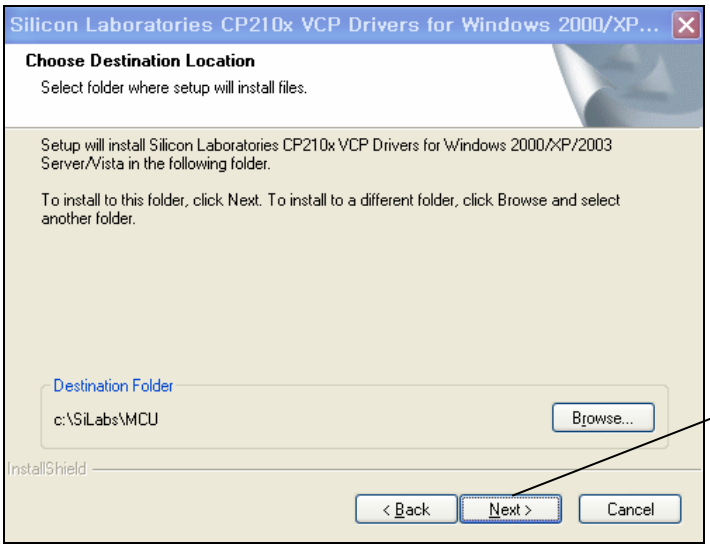

Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP...
Welcome to the InstallShield Wizard for Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP/2003 Server/Vista
The InstallShield Wizard will copy Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP/2003 Server/Vista onto your computer. To continue, click Next.
< Back
Next >
Cancel

Click “Next”

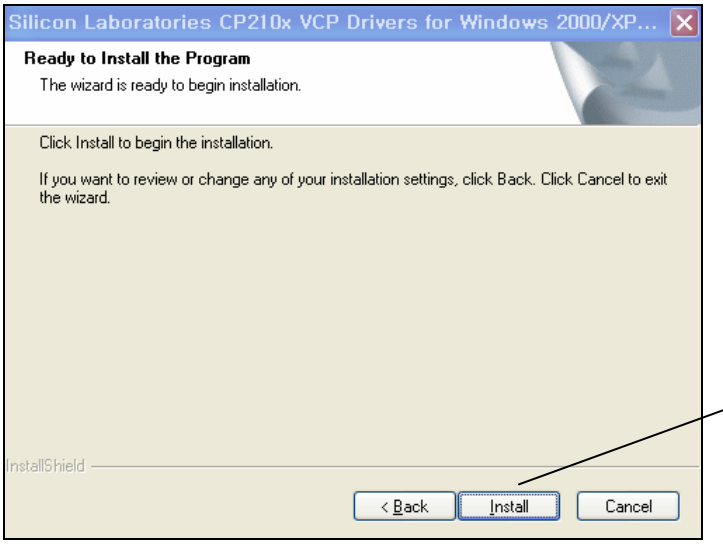

Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP...
License Agreement
Please read the following license agreement carefully.
END-USER LICENSE AGREEMENT
IMPORTANT: READ CAREFULLY
BEFORE AGREEING TO TERMS
THIS PRODUCT CONTAINS CERTAIN COMPUTER PROGRAMS AND OTHER THIRD PARTY PROPRIETARY MATERIAL ("LICENSED PRODUCT"). THE USE OF WHICH IS SUBJECT TO THIS END-USER LICENSE AGREEMENT. INDICATING YOUR AGREEMENT CONSTITUTES YOUR AND (IF APPLICABLE) YOUR COMPANY'S ASSENT TO AND ACCEPTANCE OF THIS END-USER LICENSE AGREEMENT (THE "LICENSE" OR "AGREEMENT"). IF YOU DO NOT AGREE WITH ALL OF THE TERMS, YOU MUST NOT USE THIS PRODUCT. WRITTEN APPROVAL IS NOT A
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

1. Click

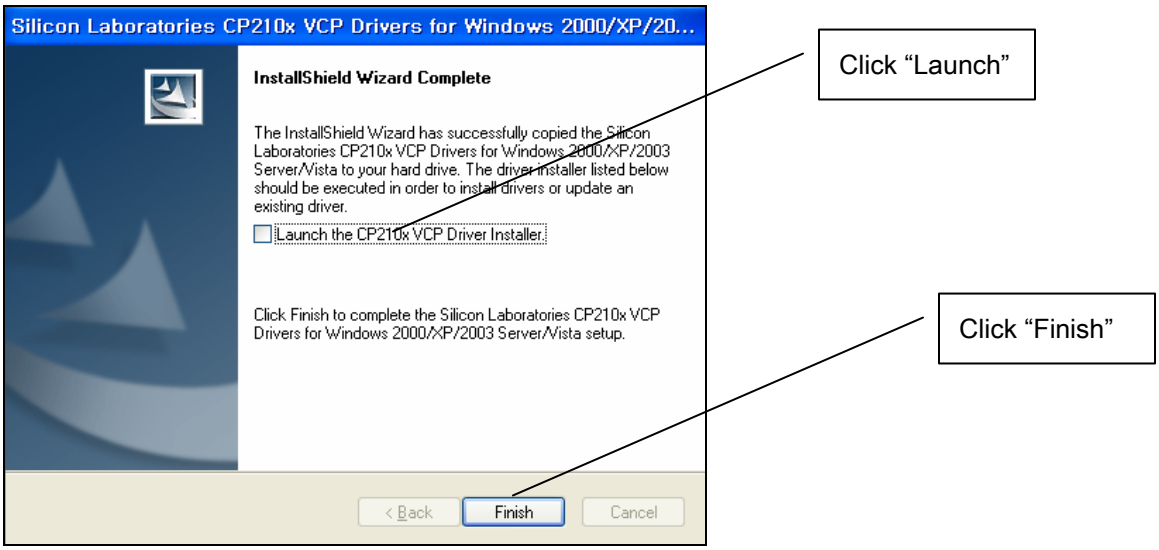
2. Click “Next”


Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP...
Choose Destination Location
Select folder where setup will install files.
Setup will install Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP/2003 Server/Vista in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
c:\SiLabs\MCU
Browse...
InstallShield
< Back
Next >
Cancel

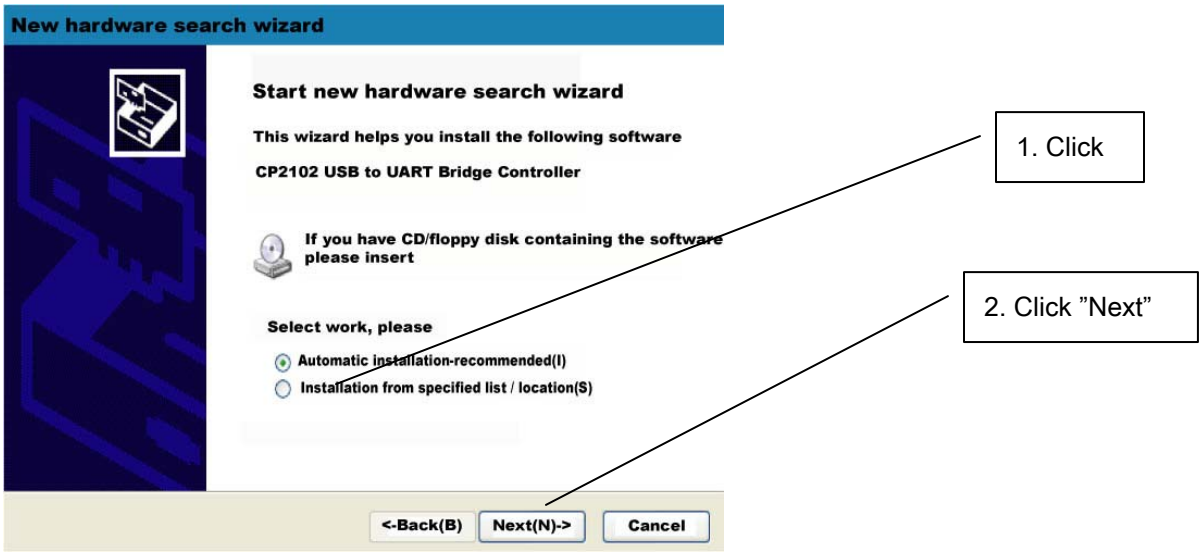
Click “Next”


Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP...
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

Click “Install”

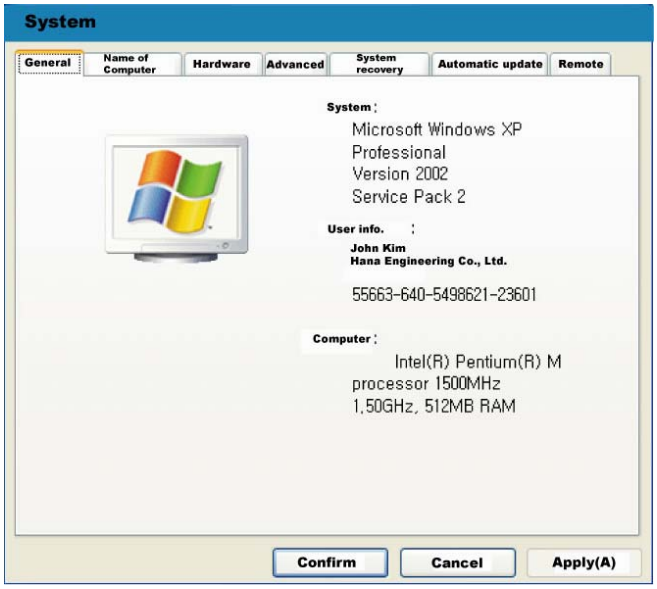

Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP/20...
InstallShield Wizard Complete
The InstallShield Wizard has successfully copied the Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP/2003 Server/Vista to your hard drive. The driver installer listed below should be executed in order to install drivers or update an existing driver.
Launch the CP210x VCP Driver Installer.
Click Finish to complete the Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP/2003 Server/Vista setup.
< Back
Finish
Cancel
Click “Launch”
Click “Finish”

4. Connect the CAM to your computer by USB cable. You will see a pop-up Window similar to the one below (window can be different depending on your operating system).

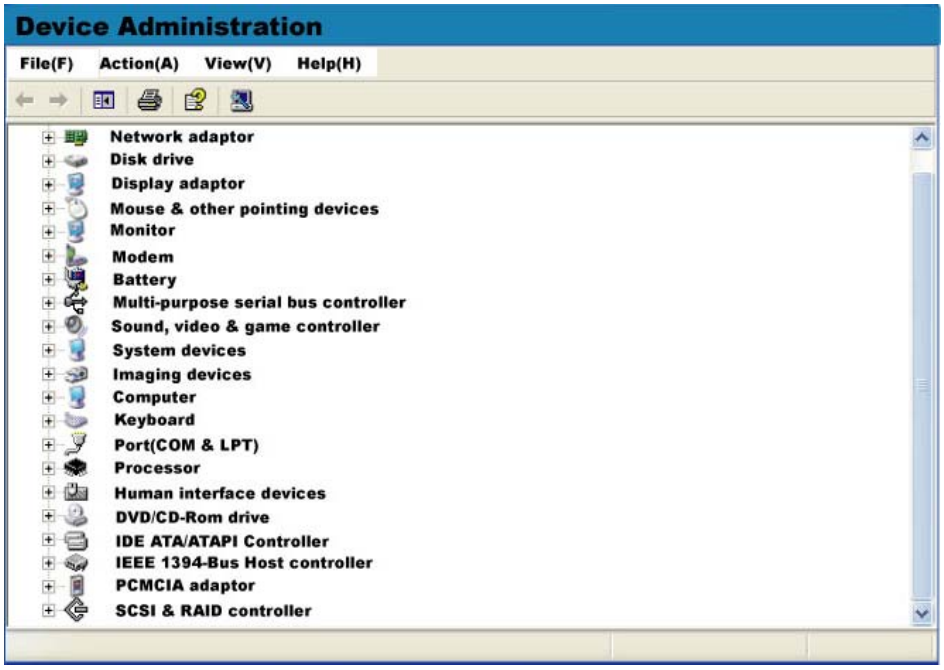

New hardware search wizard
Start new hardware search wizard
This wizard helps you install the following software
CP2102 USB to UART Bridge Controller
If you have CD/floppy disk containing the software please insert
Select work, please
Automatic installation-recommended(I)
Installation from specified list / location(S)
<-Back(B)
Next(N)->
Cancel
1. Click
2. Click ”Next”

BE PATIENT! It may take a few minutes until the wizard finishes searching. If the Wizard is unable to find the driver, hit the “<-back” button and try again. Most installations fail because the USB driver is improperly installed. Until you read “CO210x USB Composite Device” is installed, do not continue.

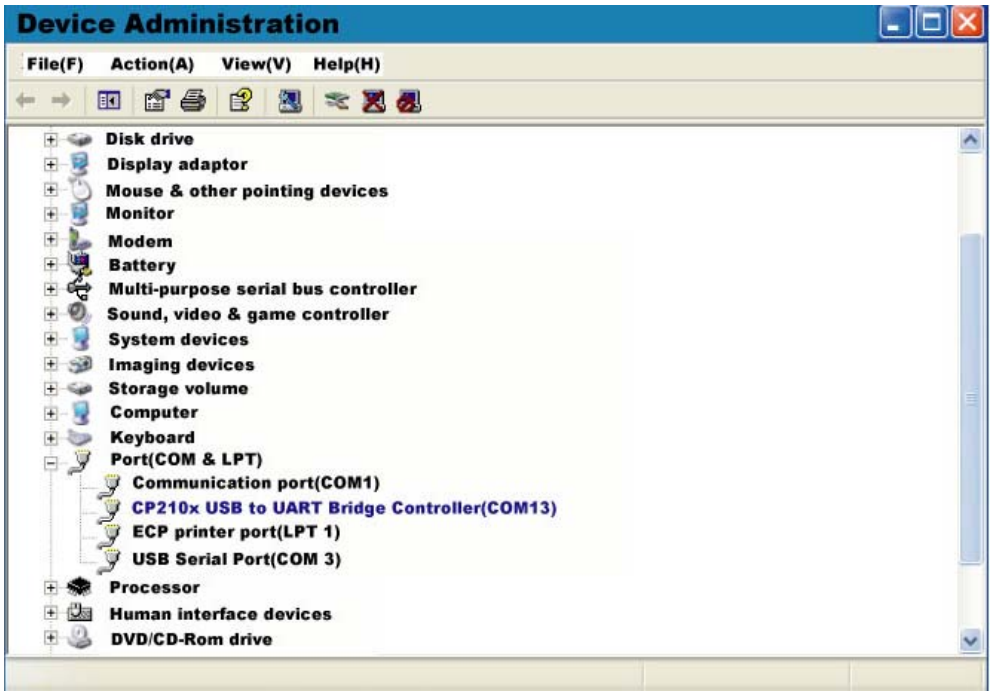
5. To test for proper installation, Click "Start" → "Control panel" → "System" on your computer



6. Click “Hardware” → “Device Manager”



7. Click port (COM & LPT)

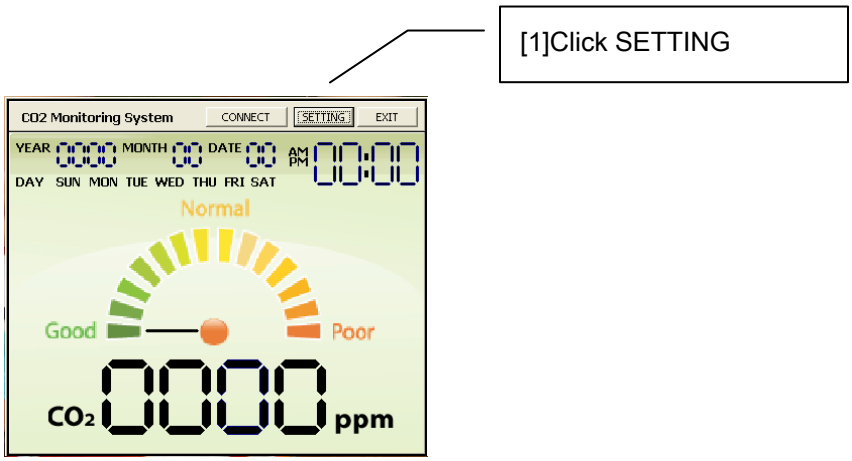


8. If you can see USB to UART COMXX the driver is successfully installed. If you cannot see it, go to the “Control panel” again and execute “Add new hardware” function.

9. The COMXX port will vary according to each PC’s USB Port. Write down this number, as you will need it when you install the CO2_monitor.exe program.

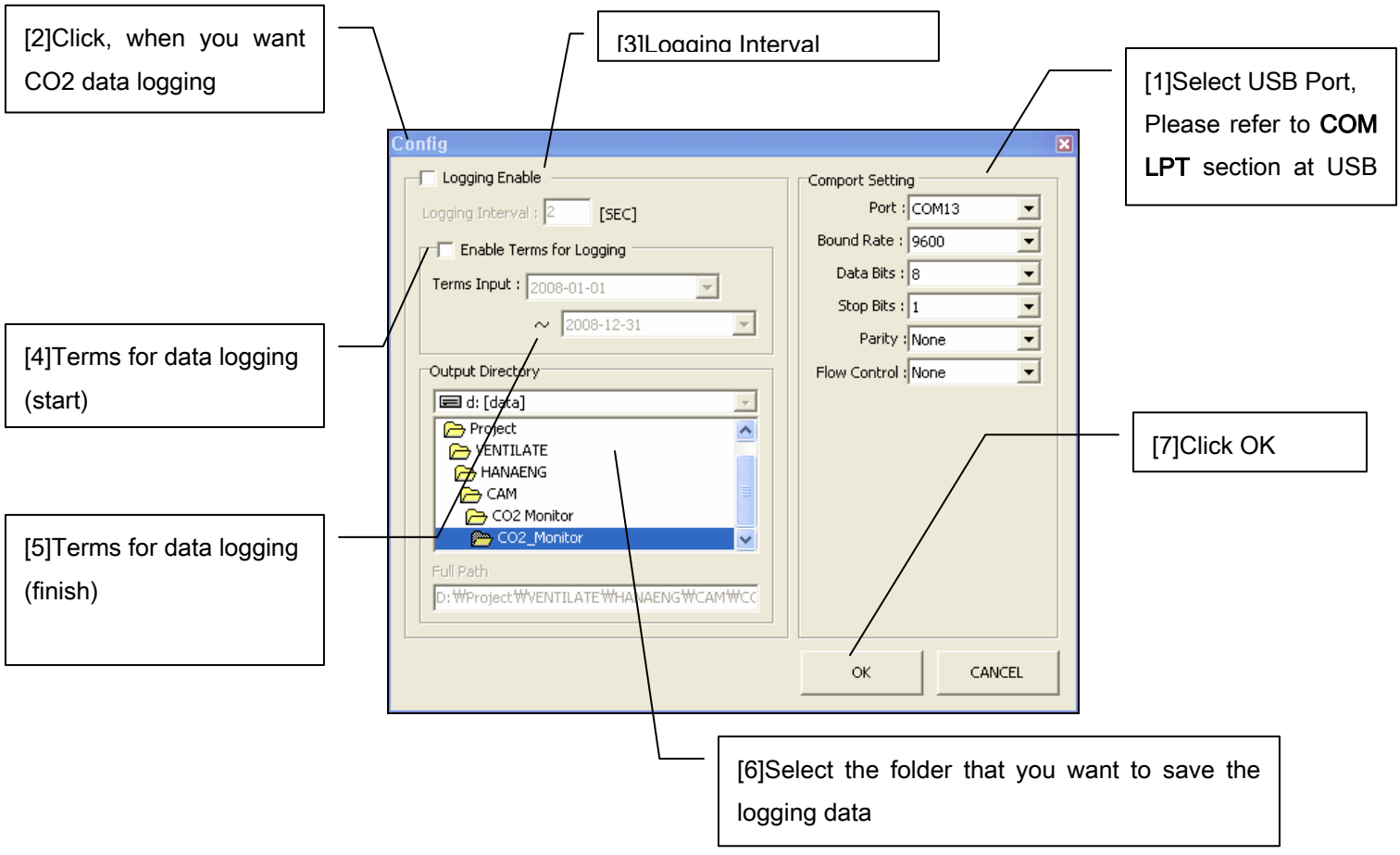
Part 2. Program installation

1. Save the “Program file (zip)” named CP210_run.zip to your desktop. Create a new folder, and unzip all the files into the new folder.
2. Double-click “**CO2_Monitor.exe**” in the folder to run the program.

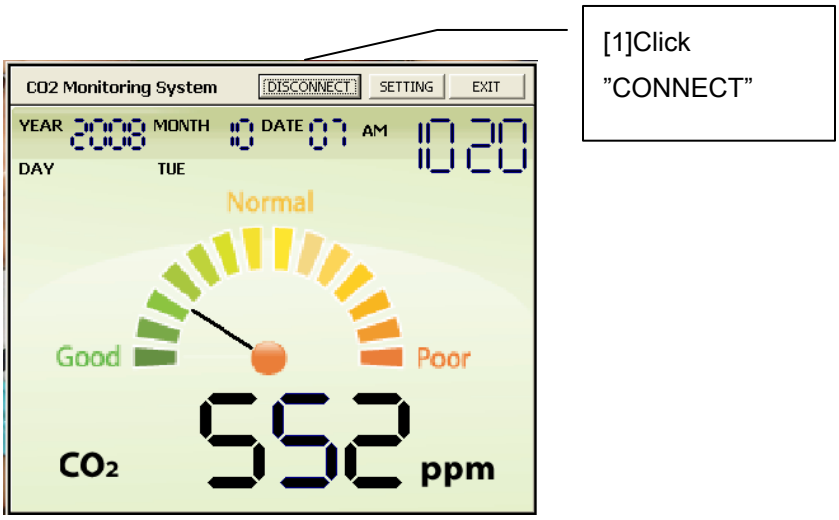


3. Select the COM port to the setting you wrote down previously. Do not check “Logging Enable” yet.

4. Click OK



5. Click CONNECT button

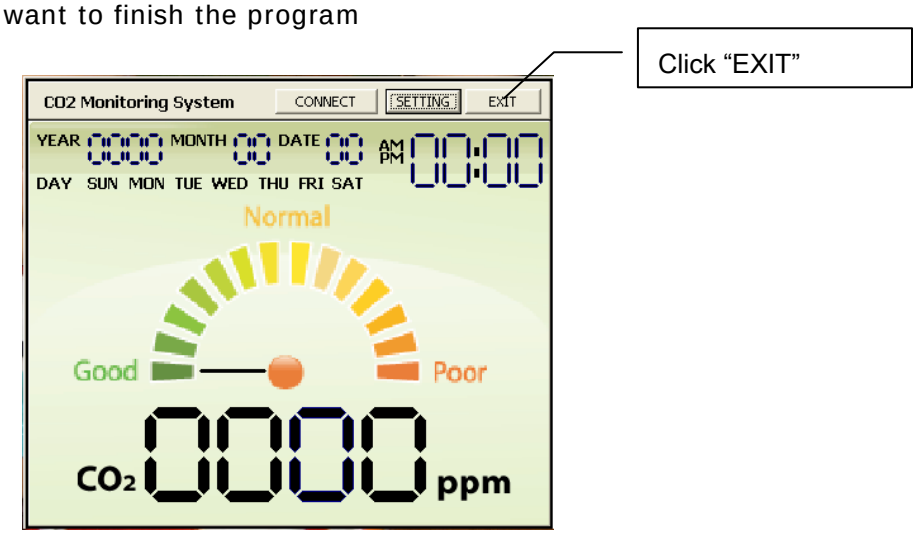


6. CO2 concentration being displayed on CAM can be monitored. If the CO2 level in ppm does not respond, it is either because the wrong COM port number was selected in "Settings" or the USB driver was not properly installed. Try selecting each of the different COM ports under settings. If none of them work, you should unplug the CAM, uninstall the USB drivers, and repeat Part 1 again.

7. To enable data logging, click "Setting", then check "Enable data logging" and select a path to save the log file. It will be in an ASCII text format LOG***.CSV suitable for easily importing into a database or spreadsheet.

NOTE: The LOG file will not be created until you set the Year/Month/Date on the CAM and give a valid date range under "terms" under Settings.

8. Click "Exit", when you want to finish the program



Part 3. Settings

1. Set the Time

[1]Pressing “Mode” at least 2 seconds, “Year” section flickers

[2]Set “Year” by “Up/Down”

[3]Pressing “Mode” once, “Month” section flickers. Set “Month” by “UP/Down”

[5] Pressing “Mode” once, “Day” section flickers. Set “Day” by “UP/Down”

[4] Pressing “Mode” once, “Date” section flickers. Set “Date” by “UP/Down”

[6] Pressing “Mode” once, “AM/PM” section flickers.

[7]
Select AM/PM by “Up/Down”

[8] Pressing “Mode” once, “Hour” section flickers. Set “Hour” by “UP/Down”

[10]Pressing “Mode” more than 2 seconds, you can finish time setting

[9] Pressing “Mode” once, “Minute” section flickers. Set “Minute” by “UP/Down”

While time setting mode, you can finish setting by pressing “Mode” more than 2 seconds

2. Backlight On/Off

[1]Pressing “Down” more than 2 seconds, backlight will be Off. In the light if Off, by pressing “Down” more than 2 seconds, backlight will be on